



Attachment Illustrated Parts List

 ***Simplicity***[®]



MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO

Attachment

Mfg. No. **Description**

1694389 Catcher, Clean Sweep Triple

Simplicity

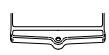
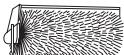
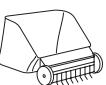
MANUFACTURING, INC.
500 N. Spring Street / PO Box 997
Port Washington, WI 53074-0997 USA

www.simplicitymfg.com

© Copyright 2003 Simplicity Manufacturing, Inc. All Rights Reserved. Printed In USA.

Rev. 11/2003

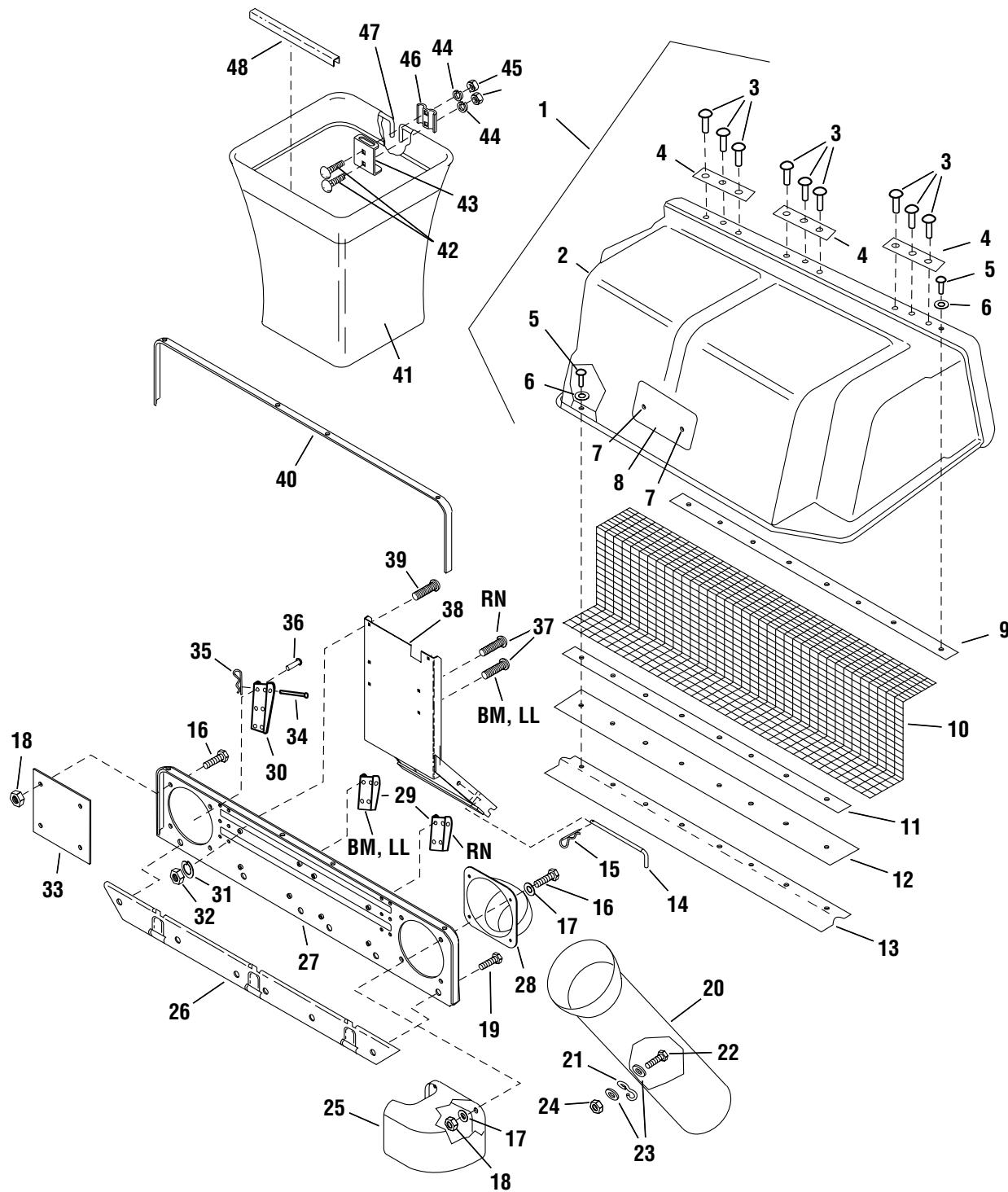
TP 400-3881-00-AT-SMA



Triple Catcher Group

986396

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694389 - Catcher

Triple Catcher Group

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1717025	1	COVER & SCREEN ASSEMBLY (Includes Ref. No. 2, 3, 4, 5, 6, 9, 10, 11, 12, & 13)
2		1	COVER, GRASS CATCHER (See Reference Number 1)
3	1960241	9	RIVET
4	1717067	3	PLATE ASSSEMBLY
5	925160	25	RIVET
6	1910531	16	WASHER
7	1667248	6	CLIP, Canoe
8	1704405	1	DECAL, Safety
9	1716970	1	CLAMP
10	1717041	1	SCREEN
11	1717524	1	CLAMP, Seal
12	1716968	1	SEAL
13	1716972	1	ANGLE, Screen
14	1717085	1	ROD
15	1960033	1	HAIR PIN
16	1921333	8	CAPSCREW, Hex Head, 5/16-18 x 1
17	1919326	8	WASHER, 5/16
18	1919438	8	LOCKNUT, 5/16-18
19	1925003	3	CAPSCREW, Taptite, 1/4-20 x 1/2
20	1719807	1	TUBE
21	1723168	2	HOOK, "S"
22	1924009	1	CAPSCREW, Hex Head 1/4-20 x 7/8
23	1921319	2	WASHER, 1/4
24	1920397	1	LOCKNUT, 1/4-20
25	1717039	1	DEFLECTOR
26	1716973	1	BRACKET ASSEMBLY
27	1716966	1	PLATE ASSEMBLY
28	1717038	1	DUCT INLET
29	1720945	1	HINGE
30	1720875	2	HINGE
31	1917356	4	LOCKWASHER, 5/16
32	1917372	4	NUT, 5/16-18
33	1717037	1	COVER
34	1672344	3	PIN, 3/8 x 2-3/4
35	1960074	3	PIN, Hair
36	928707	16	RIVET
37	1960223	2	CARRIAGE BOLT, 5/16-18 x 1-1/4
38	1725579	1	SUPPORT ASSEMBLY
39	1931333	4	CARRIAGE BOLT, 5/16-18 x 3/4
40	1717082	1	SEAL

Footnotes

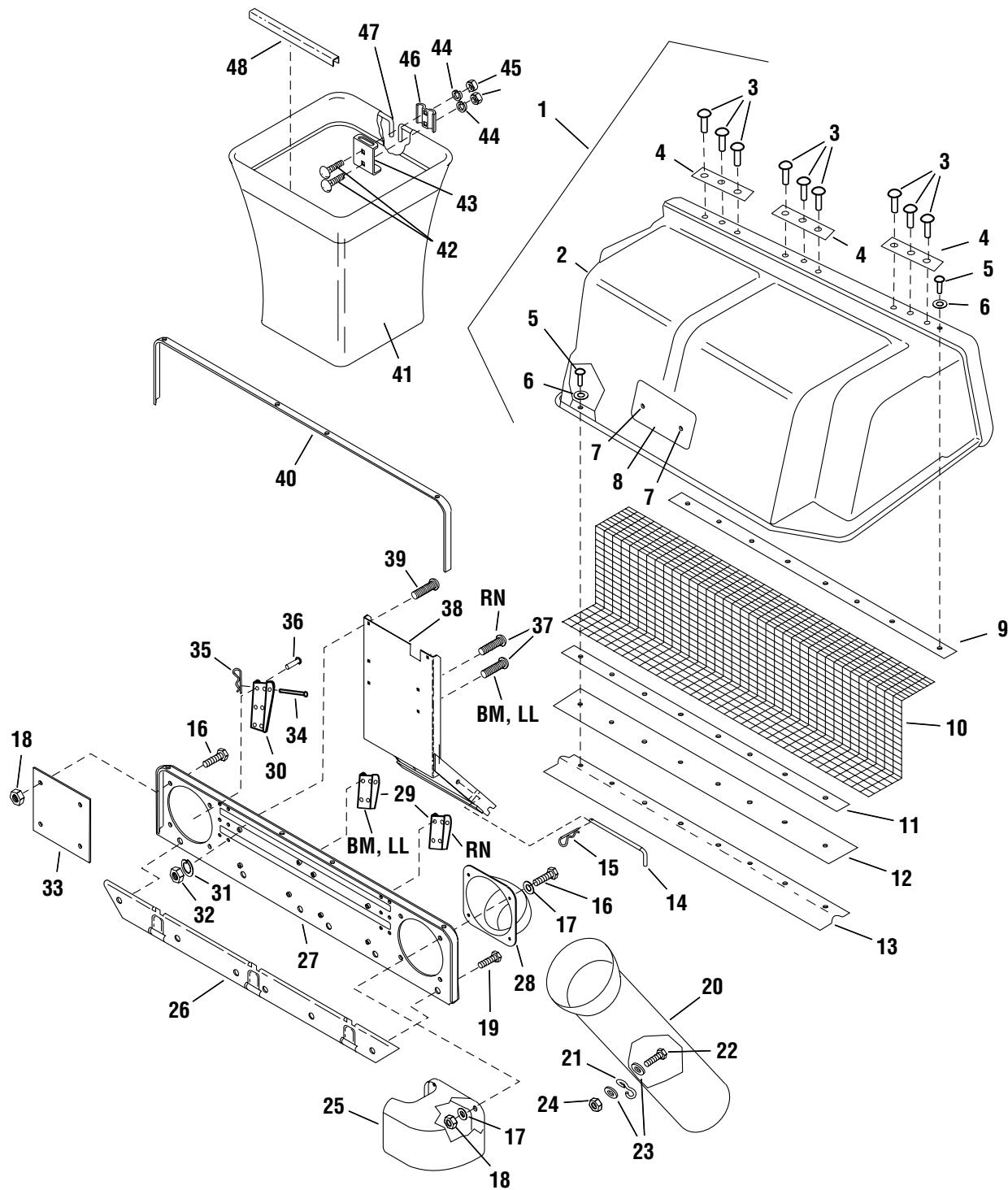
The above parts group applies to the following Mfg. Nos.:

1694389 - Catcher

Triple Catcher Group

986396

NOTE: Unless noted otherwise,
use the standard hardware torque
specification chart.



The above parts group applies to the following Mfg. Nos.:

1694389 - Catcher

Triple Catcher Group

REF NO.	PART NO.	QTY.	DESCRIPTION
41	1703764	3	BAG, Grass
42	1931333	6	CARRIAGE BOLT, 5/16-18 x 3/4
43	1703807	3	HANGER
44	1917356	6	LOCKWASHER, 5/16
45	1917372	6	NUT, 5/16-18
46	1672023	3	CLIP
47	1703855	3	HOOP, Basket Frame
48	1675707	3	EDGING

Footnotes

The above parts group applies to the following Mfg. Nos.:

1694389 - Catcher

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Lockwasher

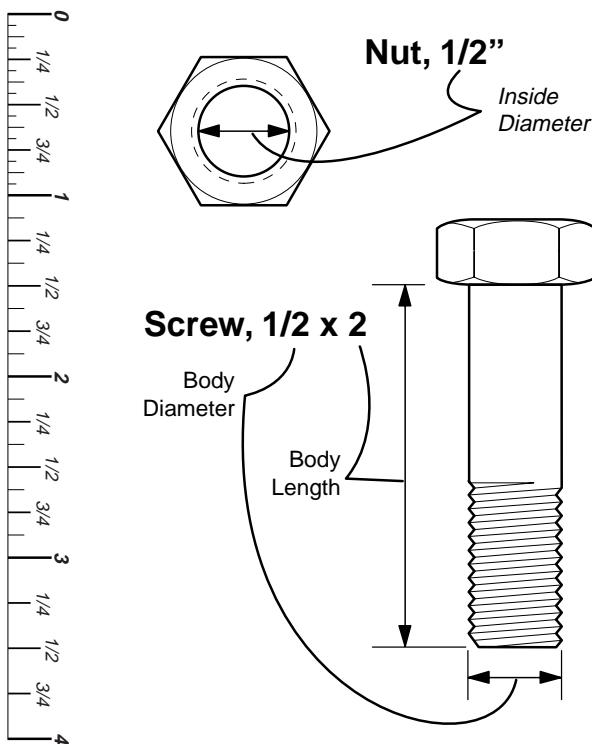
Hex Nut

Standard Hardware Sizing

When a washer or nut is identified as $1/2''$, this is the *Nominal size*, meaning the *inside diameter* is $1/2$ inch; if a second number is present it represents the *threads per inch*.

When bolt or capscrew is identified as $1/2 - 16 \times 2''$, this means the *Nominal size*, or *body diameter* is $1/2$ inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

Hardware Grade	No Marks	SAE Grade 2	SAE Grade 5	SAE Grade 8	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
 - a. for prevailing torque locknuts - use 65% of grade 5 torques.
 - b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Wrench & Fastener Size Guide



1/4" Bolt or Nut
Wrench—7/16"



5/16" Bolt or Nut
Wrench—1/2"



3/8" Bolt or Nut
Wrench—9/16"



7/16" Bolt or Nut
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"



1/2" Bolt or Nut
Wrench—3/4"